

PATENT COOPERATION TREATY

From the Japan Patent Office (INTERNATIONAL SEARCHING AUTHORITY)

To: Agent

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PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY
(Implementing Regulation 40 bis)
(PCT Rule 43bis.1)

Date of mailing (day/month/year)	22. 11. 2005
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Applicant's or agent's file reference

PCTMP1254

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/JP2005/018150

International filing date (day/month/year)

30. 09. 2005

Priority date (day/month/year)

31. 01. 2005

International Patent Classification (IPC) Int. Cl⁷ H02M3/28 (2006. 01), H02M7/21 (2006.01)

Applicant

Murata Manufacturing Co., Ltd.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220

3. For further details, see notes to Form PCT/ISA/220

Date of completion of this opinion

15. 11. 2005

Name and mailing address of the ISA/JP

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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/JP2005/018150

Box No. I	Basis of this opinion
1.	With regard to the language , this opinion has been established on the basis of: <ul style="list-style-type: none"><input checked="" type="checkbox"/> the international application in the language in which it was filed<input type="checkbox"/> a translation of the international application into _____, which is the language of a translation furnished for the purpose of international search (Rules 12.3(a) and 23.1(b)).
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of: <ul style="list-style-type: none">a. type of material<ul style="list-style-type: none"><input type="checkbox"/> a sequence listing<input type="checkbox"/> table(s) related to the sequence listingb. format of material<ul style="list-style-type: none"><input type="checkbox"/> on paper<input type="checkbox"/> in electronic formc. time of filing/furnishing<ul style="list-style-type: none"><input type="checkbox"/> contained in the international application as filed.<input type="checkbox"/> filed together with the international application in electronic form.<input type="checkbox"/> furnished subsequently to this Authority for the purposes of search.
3.	<input type="checkbox"/> In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/JP2005/018150

Box No. V **Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Claims	<u>1-4</u>	YES
	Claims		NO
Inventive step (IS)	Claims	<u>1-4</u>	YES
	Claims		NO
Industrial applicability (IA)	Claims	<u>1-4</u>	YES
	Claims		NO

2. Citations and explanations:

Document 1: JP2004-208444 A (TDK Corporation)
22.07.2004, all pages

Document 2: JP2000-50627 A (SHARP Corporation)
18.02.2000, all pages

The invention defined in claims 1 to 4 is not described in Document 1 (especially, paragraphs 0046 to 0107 and Figs. 1 to 8) cited in the international search report and Document 2 (especially, paragraphs 0060 to 0076 and Figs. 4 and 6) cited in the international search report and is not obvious to those skilled in the art.